

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method ~~for selecting a new cell for a station in a cellular telecommunications system, said station being associated with a current cell, said method comprising the steps of:~~

measuring at the station the strength of a communication from the current cell;

measuring at the station the strength of a communication from at least one other cell;

decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

modifying the measured strength of the communication from the at least one of the cell and the at least one other cell in dependence on the obtained offset information;

comparing the measured strength of the communication from the current cell and the measured strength of the communication from the at least one other cell after the ~~step of~~ modifying;

measuring a duration of time for which the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell during said ~~step of~~ comparing; and

changing the current cell with which the station is associated, wherein the current cell is changed only if the measured duration of time is at least a predetermined time period.

2. (Currently Amended) A method as claimed in claim 1, wherein in said modifying ~~step~~, a value is added to the measured strength of the communication from the at least one other cell.

3. (Currently Amended) A method as claimed in claim 1, wherein in said modifying ~~step~~, a function is applied to the measured strength of the communication from the at least one other cell.

4. (Previously Presented) A method as claimed in claim 164, wherein the predetermined condition is that the measured strength of the communication from the at least one other cell is greater than a threshold.

5. (Previously Presented) A method as claimed in claim 4, wherein the threshold is defined relative to the measured strength of the communication from the current cell.

6. (Previously Presented) A method as claimed in claim 4, wherein information defining the threshold is included in the communication from the current cell.

7. (Previously Presented) A method as claimed in claim 1, wherein the offset information as to how the measured strength of a communication from a neighbouring cell is to be modified is in the communication from the at least one other cell.

8. (Previously Presented) A method as claimed in claim 7, wherein the station is provided with timing information defining when the station should next check for the offset information.

9. (Previously Presented) A method as claimed in claim 8, wherein the timing information is in the communication from the neighbouring cell.

10. (Canceled)

11. (Previously Presented) A method as claimed in claim 1, wherein information defining the predetermined period of time is in the communication from the current cell.

12. (Currently Amended) A method as claimed in claim 1, wherein a value is added to the measured strength of the communication from the current cell prior to said ~~step of~~ comparing.

13. (Currently Amended) A method as claimed in claim 12, wherein if the current cell is changed in said ~~step of~~ changing from an old current cell to a new current cell, the value is no longer added to the measured strength of the communication from the old current cell and a value is added to the measured strength of the communication from the new current cell.

14. (Previously Presented) A method as claimed in claim 1, wherein said communication from at least one of the current cell and the at least one other cell comprises the broadcast control channel.

15. (Previously Presented) A method as claimed in claim 1, wherein the station has at least one common channel in the current cell.

16. (Previously Presented) A method as claimed in claim 1, wherein the station has at least one dedicated channel in the current cell.

17. (Original) A method as claimed in claim 1, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

18. (Previously Presented) A method as claimed in claim 1, wherein the station is a mobile terminal.

19. (Previously Presented) A method as claimed in claim 1, wherein the telecommunication system is a code division multiple access system.

20. (Previously Presented) A method as claimed in claim 1, wherein the telecommunication system is a time division multiple access system.

21. (Previously Presented) A method as claimed in claim 19, wherein the telecommunication system is a code division/time division multiple access hybrid.

22. (Currently Amended) A station ~~for use in a cellular telecommunications system, said station being associated with a current cell, said station~~ comprising:

a measurer ~~means~~ for measuring the received strength of a communication from the current cell;

a measurer ~~means~~ for measuring the received strength of a communication from at least one other cell;

a decoder ~~means~~ for decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

a controller ~~means~~ for modifying the measured strength of the communication from the at least one of the current cell and the at least one other cell in dependence on the obtained offset information;

the controller ~~means~~ for comparing the measured strength of the communication from the at least one other cell and the measured received strength of the communication from the current cell, at least one of the measured strengths having been modified by the controller ~~means for modifying~~;

a timer ~~means~~ for measuring a duration of time for which the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell, at least one of the measured strengths having been modified by the controller ~~means for modifying~~; and

the controller ~~means~~ for changing the current cell with which the station is associated, wherein the current cell is changed only if the measured duration of time is at least a

Serial No.: 10/030,798

Group Art Unit: 2618

predetermined time period, at least one of the measured strengths having been modified by the controller means for modifying.

23. (Original) A cellular telecommunications network comprising:

at least one station as claimed in claim 22, and at least one other station, said at least one other station requiring a different procedure in order to determine if a new current cell is required.

24. (Original) A network as claimed in claim 23, wherein the signalling sent by said network to said at least one station and to said at least one other station is dependent on the procedure required by the respective stations to determine if a new current cell is required.

25.-28. (Canceled)

29. (Currently Amended) A method ~~for changing at least one current cell, in a cellular telecommunications network, with which a station is associated, said method~~ comprising the steps of:

measuring at the station the strength of a communication from said at least one current cell;

measuring at the station the strength of a communication from at least one other cell;

decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

modifying the measured strength of the communication from the at least of the current cell and the at least one other cell in dependence on the obtained offset information;

comparing the measured strength of the communication from the current cell and the measured strength of the communication from the at least one other cell, after the ~~step of~~ modifying;

measuring a duration of time for which the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell during said ~~step of~~ comparing; and

changing the current cell with which the station is associated, wherein the current cell is changed only if the measured duration of time is at least a predetermined time period.

30. (Canceled)

31. (Previously Presented) A method as claimed in claim 3, wherein the predetermined condition is that the measured strength of the communication from the at least one other cell is greater than a threshold.

32. (Previously Presented) A method as claimed in claim 6, wherein information defining the threshold is included in the communication from the current cell.

33. (Previously Presented) A method as claimed in claim 2, wherein offset information as to how the measured strength of a communication from a neighbouring cell is to be modified is in the communication from the at least one other cell.

34. (Previously Presented) A method as claimed in claim 3, wherein offset information as to how the measured strength of a communication from a neighbouring cell is to be modified is in the communication from the at least one other cell.

35. (Previously Presented) A method as claimed in claim 4, wherein offset information as to how the measured strength of a communication from a neighbouring cell is to be modified is in the communication from the at least one other cell.

36. (Previously Presented) A method as claimed in claim 5, wherein offset information as to how the measured strength of a communication from a neighbouring cell is to be modified is in the communication from the at least one other cell.

37. (Previously Presented) A method as claimed in claim 6, wherein offset information as to how the measured strength of a communication from a neighbouring cell is to be modified is in the communication from the at least one other cell.

38.-45. (Canceled)

46. (Currently Amended) A method as claimed in claim 2, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

47. (Currently Amended) A method as claimed in claim 3, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

48. (Currently Amended) A method as claimed in claim 4, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

49. (Currently Amended) A method as claimed in claim 5, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

50. (Currently Amended) A method as claimed in claim 6, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

51. (Currently Amended) A method as claimed in claim 7, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

52. (Currently Amended) A method as claimed in claim 8, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

53. (Currently Amended) A method as claimed in claim 9, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

54. (Currently Amended) A method as claimed in claim 164, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

55. (Currently Amended) A method as claimed in claim 11, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

56. (Previously Presented) A method as claimed in claim 2, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

57. (Previously Presented) A method as claimed in claim 3, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

58. (Previously Presented) A method as claimed in claim 4, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

59. (Previously Presented) A method as claimed in claim 5, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

60. (Previously Presented) A method as claimed in claim 6, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

61. (Previously Presented) A method as claimed in claim 7, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

62. (Previously Presented) A method as claimed in claim 8, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

63. (Previously Presented) A method as claimed in claim 9, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

64. (Previously Presented) A method as claimed in claim 164, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

65. (Previously Presented) A method as claimed in claim 11, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

66. (Previously Presented) A method as claimed in claim 12, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

67. (Previously Presented) A method as claimed in claim 13, wherein the communication from the at least one of the current cell and the at least one other cell comprises the broadcast control channel.

68. (Previously Presented) A method as claimed in claim 2, wherein the station has at least one common channel in the current cell.

69. (Previously Presented) A method as claimed in claim 3, wherein the station has at least one common channel in the current cell.

70. (Previously Presented) A method as claimed in claim 4, wherein the station has at least one common channel in the current cell.

71. (Previously Presented) A method as claimed in claim 5, wherein the station has at least one common channel in the current cell.

72. (Previously Presented) A method as claimed in claim 6, wherein the station has at least one common channel in the current cell.

73. (Previously Presented) A method as claimed in claim 7, wherein the station has at least one common channel in the current cell.

74. (Previously Presented) A method as claimed in claim 8, wherein the station has at least one common channel in the current cell.

75. (Previously Presented) A method as claimed in claim 9, wherein the station has at least one common channel in the current cell.

76. (Previously Presented) A method as claimed in claim 164, wherein the station has at least one common channel in the current cell.

77. (Previously Presented) A method as claimed in claim 11, wherein the station has at least one common channel in the current cell.

78. (Previously Presented) A method as claimed in claim 12, wherein the station has at least one common channel in the current cell.

79. (Previously Presented) A method as claimed in claim 13, wherein the station has at least one common channel in the current cell.

80. (Previously Presented) A method as claimed in claim 14, wherein the station has at least one common channel in the current cell.

81. (Previously Presented) A method as claimed in claim 2, wherein the station has at least one dedicated channel in the current cell.

82. (Previously Presented) A method as claimed in claim 3, wherein the station has at least one dedicated channel in the current cell.

83. (Previously Presented) A method as claimed in claim 4, wherein the station has at least one dedicated channel in the current cell.

84. (Previously Presented) A method as claimed in claim 5, wherein the station has at least one dedicated channel in the current cell.

85. (Previously Presented) A method as claimed in claim 6, wherein the station has at least one dedicated channel in the current cell.

86. (Previously Presented) A method as claimed in claim 7, wherein the station has at least one dedicated channel in the current cell.

87. (Previously Presented) A method as claimed in claim 8, wherein the station has at least one dedicated channel in the current cell.

88. (Previously Presented) A method as claimed in claim 9, wherein the station has at least one dedicated channel in the current cell.

89. (Previously Presented) A method as claimed in claim 164, wherein the station has at least one dedicated channel in the current cell.

90. (Previously Presented) A method as claimed in claim 11, wherein the station has at least one dedicated channel in the current cell.

91. (Previously Presented) A method as claimed in claim 12, wherein the station has at least one dedicated channel in the current cell.

92. (Previously Presented) A method as claimed in claim 13, wherein the station has at least one dedicated channel in the current cell.

93. (Previously Presented) A method as claimed in claim 14, wherein the station has at least one dedicated channel in the current cell.

94. (Original) A method as claimed in claim 2, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

95. (Original) A method as claimed in claim 3, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

96. (Original) A method as claimed in claim 4, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

97. (Original) A method as claimed in claim 5, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

98. (Original) A method as claimed in claim 6, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

99. (Original) A method as claimed in claim 7, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

100. (Original) A method as claimed in claim 8, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

101. (Original) A method as claimed in claim 9, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

102. (Previously Presented) A method as claimed in claim 164, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

103. (Original) A method as claimed in claim 11, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

104. (Original) A method as claimed in claim 12, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

105. (Original) A method as claimed in claim 13, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

106. (Original) A method as claimed in claim 14, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

107. (Original) A method as claimed in claim 15, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

108. (Original) A method as claimed in claim 16, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

109. (Previously Presented) A method as claimed in claim 2, wherein the station is a mobile terminal.

110. (Previously Presented) A method as claimed in claim 3, wherein the station is a mobile terminal.

111. (Previously Presented) A method as claimed in claim 4, wherein the station is a mobile terminal.

112. (Previously Presented) A method as claimed in claim 5, wherein the station is a mobile terminal.

113. (Previously Presented) A method as claimed in claim 6, wherein the station is a mobile terminal.

114. (Previously Presented) A method as claimed in claim 7, wherein the station is a mobile terminal.

115. (Previously Presented) A method as claimed in claim 8, wherein the station is a mobile terminal.

116. (Previously Presented) A method as claimed in claim 9, wherein the station is a mobile terminal.

117. (Previously Presented) A method as claimed in claim 164, wherein the station is a mobile terminal.

118. (Previously Presented) A method as claimed in claim 11, wherein the station is a mobile terminal.

119. (Previously Presented) A method as claimed in claim 12, wherein the station is a mobile terminal.

120. (Previously Presented) A method as claimed in claim 13, wherein the station is a mobile terminal.

121. (Previously Presented) A method as claimed in claim 14, wherein the station is a mobile terminal.

122. (Previously Presented) A method as claimed in claim 15, wherein the station is a mobile terminal.

123. (Previously Presented) A method as claimed in claim 16, wherein the station is a mobile terminal.

124. (Previously Presented) A method as claimed in claim 17, wherein the station is a mobile terminal.

125. (Previously Presented) A method as claimed in claim 2, wherein the telecommunication system is a code division multiple access system.

126. (Previously Presented) A method as claimed in claim 3, wherein the telecommunication system is a code division multiple access system.

127. (Previously Presented) A method as claimed in claim 4, wherein the telecommunication system is a code division multiple access system.

128. (Previously Presented) A method as claimed in claim 5, wherein the telecommunication system is a code division multiple access system.

129. (Previously Presented) A method as claimed in claim 6, wherein the telecommunication system is a code division multiple access system.

130. (Previously Presented) A method as claimed in claim 7, wherein the telecommunication system is a code division multiple access system.

131. (Previously Presented) A method as claimed in claim 8, wherein the telecommunication system is a code division multiple access system.

132. (Previously Presented) A method as claimed in claim 9, wherein the telecommunication system is a code division multiple access system.

133. (Previously Presented) A method as claimed in claim 164, wherein the telecommunication system is a code division multiple access system.

134. (Previously Presented) A method as claimed in claim 11, wherein the telecommunication system is a code division multiple access system.

135. (Previously Presented) A method as claimed in claim 12, wherein the telecommunication system is a code division multiple access system.

136. (Previously Presented) A method as claimed in claim 13, wherein the telecommunication system is a code division multiple access system.

137. (Previously Presented) A method as claimed in claim 14, wherein the telecommunication system is a code division multiple access system.

138. (Previously Presented) A method as claimed in claim 15, wherein the telecommunication system is a code division multiple access system.

139. (Previously Presented) A method as claimed in claim 16, wherein the telecommunication system is a code division multiple access system.

140. (Previously Presented) A method as claimed in claim 17, wherein the telecommunication system is a code division multiple access system.

141. (Previously Presented) A method as claimed in claim 18, wherein the telecommunication system is a code division multiple access system.

142. (Previously Presented) A method as claimed in claim 2, wherein the telecommunication system is a time division multiple access system.

143. (Previously Presented) A method as claimed in claim 3, wherein the telecommunication system is a time division multiple access system.

144. (Previously Presented) A method as claimed in claim 4, wherein the telecommunication system is a time division multiple access system.

145. (Previously Presented) A method as claimed in claim 5, wherein the telecommunication system is a time division multiple access system.

146. (Previously Presented) A method as claimed in claim 6, wherein the telecommunication system is a time division multiple access system.

147. (Previously Presented) A method as claimed in claim 7, wherein the telecommunication system is a time division multiple access system.

148. (Previously Presented) A method as claimed in claim 8, wherein the telecommunication system is a time division multiple access system.

149. (Previously Presented) A method as claimed in claim 9, wherein the telecommunication system is a time division multiple access system.

150. (Previously Presented) A method as claimed in claim 164, wherein the telecommunication system is a time division multiple access system.

151. (Previously Presented) A method as claimed in claim 11, wherein the telecommunication system is a time division multiple access system.

152. (Previously Presented) A method as claimed in claim 12, wherein the telecommunication system is a time division multiple access system.

153. (Previously Presented) A method as claimed in claim 13, wherein the telecommunication system is a time division multiple access system.

154. (Previously Presented) A method as claimed in claim 14, wherein the telecommunication system is a time division multiple access system.

155. (Previously Presented) A method as claimed in claim 15, wherein the telecommunication system is a time division multiple access system.

156. (Previously Presented) A method as claimed in claim 16, wherein the telecommunication system is a time division multiple access system.

157. (Previously Presented) A method as claimed in claim 17, wherein the telecommunication system is a time division multiple access system.

158. (Previously Presented) A method as claimed in claim 18, wherein the telecommunication system is a time division multiple access system.

159. (Previously Presented) A method as claimed in claim 19, wherein the telecommunication system is a time division multiple access system.

Serial No.: 10/030,798

Group Art Unit: 2618

160. (Previously Presented) A method as claimed in claim 20, wherein the telecommunication system is a code division/time division multiple access hybrid.

161.-162. (Canceled)

163. (Currently Amended) A cellular telecommunications system ~~comprising a station and a network element, said station being associated with a current cell, said station comprising:~~

a measurer ~~means~~ for measuring the received strength of a communication from the current cell;

a measurer ~~means~~ for measuring the received strength of a communication from at least one other cell;

a decoder ~~means~~ for decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

a controller ~~means~~ for modifying the measured strength of the communication from the at least one of the current cell and the at least one other cell in dependence on the obtained offset information;

the controller ~~means~~ for comparing the measured strength of the communication from the at least one other cell and the measured received strength of the communication from the current cell, at least one of the measured strengths having been modified by the controller ~~means for modifying~~;

a timer ~~means~~ for measuring a duration of time for which the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell, at least one of the measured strengths having been modified by the controller ~~means for modifying~~;

the controller ~~means~~ for changing the current cell with which the station is associated, wherein the current cell is changed only if the measured duration of time is at least a predetermined time period, at least one of the measured strengths having been modified by the controller ~~means for modifying~~; and

a network element for sending communications to the station, said network element being arranged to send offset information to the station, the offset information being used by the station to modify measurements of the strength of communications from at least one other cell.

164. (Currently Amended) A method as claimed in claim 1, wherein the ~~step of~~ decoding a communication is dependent upon the measured strength of the communication satisfying a predetermined condition.

165. (Previously Presented) A method as claimed in claim 1, wherein the predetermined time period is variable.

166. (Previously Presented) A method as claimed in claim 1, wherein a variable predetermined time period is dependent on at least one of environment and traffic.

167. (Currently Amended) A method as claimed in claim 1, further comprising the ~~step of~~ detecting, at a first time during said ~~step of~~ comparing, when the measured strength of the at least one other cell exceeds the measured strength of the current cell, wherein said ~~step of~~ measuring comprises measuring a duration of time starting at the first time for which the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell during said ~~step of~~ comparing, and wherein said ~~step of~~ changing comprises changing the current cell with which the station is associated only if the measured duration of time reaches a second time, the first time and second time defining the predetermined time period.

168. (Currently Amended) A station as claimed in claim 22, the controller ~~further comprising means~~ for detecting, at a first time, when the measured strength of the at least one other cell exceeds the measured strength of the current cell, as modified by said controller ~~means for modifying~~, wherein said timer is configured ~~means for measuring comprises means~~ for measuring a duration of time starting at the first time for which the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell, and wherein said controller is configured ~~means for changing comprises means~~ for changing the current cell with which the station is associated only if the measured duration of time reaches a second time, the first time and second time defining the predetermined time period.

169. (Currently Amended) A method as claimed in claim 29, further comprising the ~~step of~~ detecting, at a first time during said ~~step of~~ comparing, when the measured strength of the at least one other cell exceeds the measured strength of the current cell, wherein said ~~step of~~ measuring comprises measuring a duration of time starting at the first time for which the measured strength of the communication from the at least one other cell exceeds the measured

Serial No.: 10/030,798

Group Art Unit: 2618

strength of the communication from the current cell during said ~~step of~~ comparing, and wherein said ~~step of~~ changing comprises changing the current cell with which the station is associated only if the measured duration of time reaches a second time, the first time and second time defining the predetermined time period.

170. (Currently Amended) A method as claimed in claim 1, wherein during said ~~step of~~ changing, the current cell is not changed when the measured strength of the communication from the at least one other cell does not exceed the measured strength of the communication from the current cell for the duration of the predetermined time period.

171. (Currently Amended) A station as claimed in claim 22, wherein said controller means for changing does not change the current cell when the measured strength of the communication from the at least one other cell does not exceed the measured strength of the communication from the current cell for the duration of the predetermined time period.

172. (Currently Amended) A method as claimed in claim 29, wherein during said ~~step of~~ changing, the current cell is not changed when the measured strength of the communication from the at least one other cell does not exceed the measured strength of the communication from the current cell for the duration of the predetermined time period.

173. (Currently Amended) A method as claimed in claim 1, wherein said ~~steps of~~ measuring at the station the strength of a communication from the current cell and measuring at the station the strength of a communication from at least one other cell are performed simultaneously.

174. (Currently Amended) A station as claimed in claim 22, wherein said measurer means for measuring the received strength of a communication from the current cell measures the received strength of a communication from the current cell at the same time that said measurer means for measuring the received strength of a communication from the at least one other cell measures the received strength of a communication from that at least one other cell.

175. (Currently Amended) A method as claimed in claim 29, wherein said ~~steps of~~ measuring at the station the strength of a communication from the current cell and measuring at the station the strength of a communication from at least one other cell are performed simultaneously.

176. (Currently Amended) A method ~~for selecting a new cell for a station in a cellular telecommunications system, said station being associated with a current cell, said method comprising the steps of:~~

measuring at the station the strength of a communication from the current cell;
measuring at the station the strength of a communication from at least one other cell;

decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

modifying the measured strength of the communication from the at least one of the cell and the at least one other cell in dependence on the obtained offset information;

comparing the measured strength of the communication from the current cell and the measured strength of the communication from the at least one other cell after the ~~step of~~ modifying; and

depending of the results of said ~~step of~~ comparing, changing the current cell with which the station is associated, wherein the current cell is changed only if the condition that the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell is met and the condition continues to be met for the duration of a predetermined time period.

177. (Currently Amended) A station ~~for use in a cellular telecommunications system, said station being associated with a current cell, said station~~ comprising:

a measurer ~~means~~ for measuring the received strength of a communication from the current cell;

a measurer ~~means~~ for measuring the received strength of a communication from at least one other cell;

a decoder ~~means~~ for decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

a controller ~~means~~ for modifying the measured strength of the communication from the at least one of the current cell and the at least one other cell in dependence on the obtained offset information;

the controller ~~means~~ for comparing the measured strength of the communication from the at least one other cell and the measured received strength of the communication from

Serial No.: 10/030,798

Group Art Unit: 2618

the current cell, at least one of the measured strengths having been modified by the controller ~~means for modifying~~; and

the controller ~~means~~ for changing, depending of the results of the comparison ~~performed by the comparing means~~, the current cell with which the station is associated, wherein the current cell is changed only if the condition that the measured strength of the communication for the at least one other cell exceeds the measured strength of the communication from the current cell is met and the condition continues to be met for the duration of a predetermined time period.

178. (Currently Amended) A method ~~for changing at least one current cell, in a cellular telecommunications network, with which a station is associated, said method comprising the steps of:~~

measuring at the station the strength of a communication from the current cell;

measuring at the station the strength of a communication from at least one other cell;

decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

modifying the measured strength of the communication from the at least one of the cell and the at least one other cell in dependence on the obtained offset information;

comparing the measured strength of the communication from the current cell and the measured strength of the communication from the at least one other cell after the ~~step of~~ modifying; and

depending of the results of said ~~step of~~ comparing, changing the current cell with which the station is associated, wherein the current cell is changed only if the condition that the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell is met and the condition continues to be met for the duration of a predetermined time period.